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NPIC/R-1171/63

March 1963

PHOTOGRAPHIC INTERPRETATION REPORT



IPIR

BRASS KNOB MISSION 3498

18 MARCH 1963



ARMY



NAVY



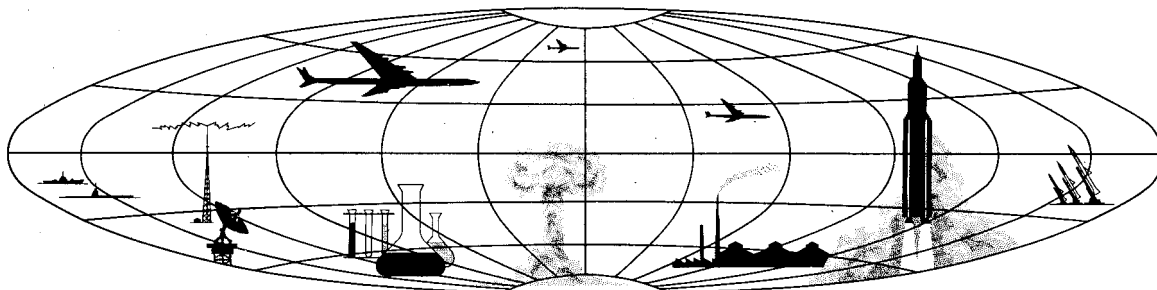
AIR FORCE



CIA

DECLASS REVIEW by NIMA/DOD

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

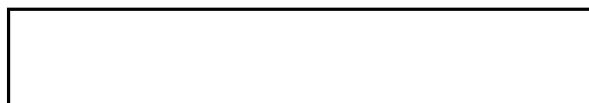
IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3498, DATED 18 MARCH 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

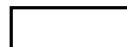
SANTA LUCIA SAM SITE 2241N 08355W

SITE CONTAINS 6 REVETTED LAUNCHERS, 4 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.



25X1D

25X1



LA COLOMA SAM SITE 2218N 08332W

SITE CONTAINS 6 REVETTED LAUNCHERS (5 CANVAS-COVERED), 4 CANVAS-COVERED MISSILE TRANSPORTERS, AND A CANVAS-COVERED GUIDANCE RADAR.



25X1D

25X1A



MARIEL SAM SITE 2300N 08249W

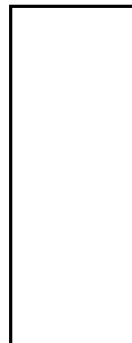
SITE CONTAINS 6 REVETTED LAUNCHERS AND A REVETTED OCCUPIED GUIDANCE AREA. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.



25X1D

25X1D

25X1A



MATANZAS SAM SITE 2301N 08129W

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND A PARTIALLY CANVAS-COVERED GUIDANCE AREA.

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[REDACTED] 25X1D

HAVANA SAM SITE 2309N 08213W

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, ONE CANVAS-COVERED MISSILE TRANSPORTER NEXT TO CANVAS-COVERED HOLD POSITION, AND A CANVAS-COVERED GUIDANCE RADAR.

[REDACTED] 25X1D

SAGUA LA GRANDE SAM SITE 2251N 08005W

SITE CONTAINS 6 REVETTED LAUNCHERS, 2 CANVAS-COVERED MISSILE TRANSPORTERS, AND A CANVAS-COVERED GUIDANCE RADAR.

[REDACTED] 25X1D

CAIBARIEN SAM SITE 2228N 07929W

SIX CANVAS-COVERED LAUNCHERS AND 7 PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS VISIBLE IN CLOUD-FREE AREAS.

[REDACTED] 25X1D

SANCTI SPIRITUS SAM SITE 2147N 07929W

SITE CONTAINS 6 LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.

[REDACTED] 25X1D

JIGUANI SAM SITE 2021N 07620W

SIX LAUNCHERS, 7 MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.

[REDACTED] 25X1D

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SIGUANEA SAM SITE 2137N 08257W

SITE CONTAINS 5 CANVAS-COVERED LAUNCHERS, ONE POSSIBLE UNCOVERED LAUNCHER, ONE MISSILE TRANSPORTER, A CANVAS-COVERED HOLD POSITION, AND A CANVAS-COVERED GUIDANCE RADAR.

25X1D

MANZANILLO SAM SITE 2018N 07706W

SITE CONTAINS 6 LAUNCHERS, 7 PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.

25X1D

MANATI SAM SITE 2113N 07702W

SITE CONTAINS 6 LAUNCHERS (5 CANVAS-COVERED), 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND A REVETTED OCCUPIED GUIDANCE AREA.

25X1D

ESMERALDA SAM SITE 2155N 07813W

SITE CONTAINS 6 REVETTED LAUNCHERS, 2 CANVAS-COVERED MISSILE TRANSPORTERS, 3 PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS, AND A REVETTED OCCUPIED GUIDANCE AREA.

OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SITE CONTAINS 6 LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.

25X1D

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SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

AREA CONTAINS 25 MISSILE TRANSPORTERS, (24 WITH PRIME MOVERS), NUMEROUS MISSILE CANISTERS, 14 LARGE CARGO TRUCKS, 3 TRUCK-MOUNTED CRANES, AND APPROXIMATELY 35 OTHER VEHICLES.

[REDACTED] 25X1D

DELEITE SAM SITE 2259N 08045W

SITE CONTAINS 6 REVETTED LAUNCHERS AND AN OCCUPIED GUIDANCE AREA. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED] 25X1D

CIEGO DE AVILA SAM SITE 2142N 07850W

SITE CONTAINS 6 LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.

[REDACTED] 25X1D

25X1

PINAR DEL RIO SAM ASSEMBLY AREA 2221N 08339W

APPROXIMATELY 26 MISSILE TRANSPORTERS WITH PRIME MOVERS AND 4 UNIDENTIFIED VEHICLES OBSERVED.

[REDACTED] 25X1D

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

AREA CONTAINS 28 MISSILE TRANSPORTERS, 4 PRIME MOVERS, NUMEROUS MISSILE CANISTERS, AND APPROXIMATELY 20 MISCELLANEOUS VEHICLES.

[REDACTED] 25X1D

25X1A

HOLGUIN SAM SITE 2052N 07627W

SITE CONTAINS 6 LAUNCHERS (3 CANVAS-COVERED), 7 MISSILE TRANSPORTERS, AND 6 VANS AND A FAN SONG RADAR IN GUIDANCE AREA.

[REDACTED]

[REDACTED]

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[REDACTED] 25X1D

MANAGUA SAM SITE 2259N 08215W

SITE CONTAINS NO MISSILE EQUIPMENT.
SIXTEEN VEHICLES OBSERVED IN AREA.

[REDACTED] 25X1D

SIGUANEA CRUISE-MISSILE SITE 2137N 08258W

SITE CONTAINS 2 CANVAS-COVERED LAUNCHERS AND 5
PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS.

[REDACTED] 25X1D

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

TWO REVETTED CANVAS-COVERED LAUNCHERS, A REVETTED
CANVAS-COVERED GUIDANCE AREA, AND NUMEROUS
VEHICLES/PIECES OF EQUIPMENT OBSERVED.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED] 25X1D

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

SITE CONTAINS 2 CANVAS-COVERED LAUNCHERS, 8
CANVAS-COVERED MISSILE TRANSPORTERS, 8 MISSILE CRATES,
APPROXIMATELY 20 VEHICLES/PIECES OF EQUIPMENT, AND A
CANVAS-COVERED GUIDANCE AREA.

[REDACTED] 25X1D

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

NUMEROUS VEHICLES OBSERVED IN AREA.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED] 25X1D

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-AIRFIELDS-

HOLGUIN AIRFIELD 2048N 07618W

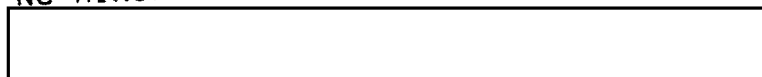
AIRCRAFT -- 2 FAGOT/FRESCO.



25X1D

SIGUANEA AIRFIELD 2138N 08257W

NO AIRCRAFT OBSERVED.



25X1D

ANTONIO MACEDO AIRFIELD 1958N 07550W

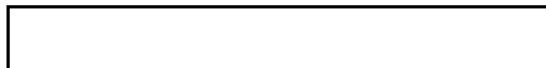
AIRCRAFT -- ONE HOUND, ONE PROBABLE HARE, 3
LIAISON-TYPE, AND ONE CAB.



25X1D

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

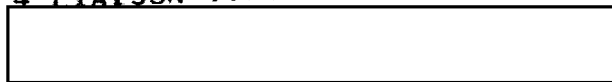
AIRCRAFT -- 40 FISHBED, 19 FAGOT/FRESCO, 11 B-26,
2 T-6, AND 6 UNIDENTIFIED SINGLE-ENGINE AIRCRAFT.



25X1D

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

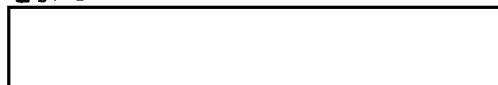
AIRCRAFT -- 3 CONSTELLATION, 3 C-54, 3 C-47,
ONE C-46, 2 CRATE, 2 BRITANNIA, ONE VISCOUNT,
4 LIAISON-TYPE AIRCRAFT, AND ONE CRATE FUSELAGE.



25X1D

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- 3 CAB, ONE CRATE, 14 COLT, 24
LIAISON/TRAINER-TYPE AIRCRAFT, AND ONE PBV.



25X1D

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MARIEL NAVAL AIR STATION 2300N 08246W

NO AIRCRAFT OBSERVED.
NUMEROUS VEHICLES AT EAST END OF RUNWAY.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

PLAYA BARACOA AIRFIELD 2302N 08235W

AIRCRAFT -- 41 HOUND, 4 HARE, 2 BELL HELICOPTERS,
AND ONE C-47.

25X1D

MANAGUA AIRFIELD 2258N 08217W

NO AIRCRAFT OBSERVED.

25X1D

COLONEL MARTIN MARRERRO AIRFIELD 2150N 08247W

NO AIRCRAFT OBSERVED.

25X1D

PINAR DEL RIO AIRFIELD 2225N 08341W

NO AIRCRAFT OBSERVED.

25X1D

-PORTS-

MARIEL PORT 2301N 08245W

VESSELS -- ONE PC, 2 PF, AND 12 KOMAR-CLASS PGMG.

25X1D

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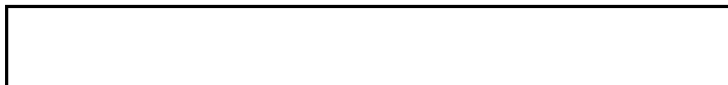
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25X1A

BANES PORT 2055N 07542W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

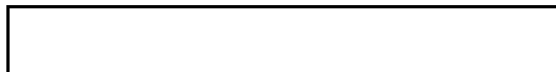


25X1D

SANTIAGO DE CUBA PORT 2001N 07550W

25X1

VESSELS -- 2 LARGE FREIGHTERS. ([REDACTED] WAS
NOT OBSERVED).
NO MILITARY EQUIPMENT OBSERVED.



25X1D

NUEVITAS PORT 2132N 07716W

VESSELS -- 2 FREIGHTERS VISIBLE IN CLOUD-FREE AREAS



25X1D

NUEVA GERONA PORT 2153N 08248W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.



25X1D

LA ISABELA PORT 2256N 08001W

VESSELS -- ONE FREIGHTER.
NO MILITARY EQUIPMENT OBSERVED.



25X1D

CAIBARIEN PORT 2232N 07928W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.



25X1D

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25X1A

CARDENAS PORT 2302N 08112W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

JUCARO PORT 2137N 07851W

VESSELS -- 2 FREIGHTERS ANCHORED OFF PORT.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

SANTA LUCIA PORT 2240N 08358W

VESSELS -- ONE COASTAL FREIGHTER.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

MATANZAS PORT 2303N 08134W

VESSELS -- 3 FREIGHTERS.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

SURGIDERO DE BATABANO PORT 2241N 08218W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

HAVANA PORT 2308N 08221W

VESSELS -- 12 TRAWLERS, 19 FREIGHTERS, 3 TANKERS,
2 COASTAL TANKERS, 5 COASTAL FREIGHTERS, 8 PT (ONE
ON MARINE RAILWAY), ONE PF, AND 2 PC.

25X1D

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25X1A

LA COLOMA PORT 2214N 08334W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

CABANAS PORT 2259N 08256W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

PUERTO PADRE PORT 2113N 07632W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

-ELECTRONICS-

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

NO APPARENT CHANGE IN FACILITIES.
APPROXIMATELY 20 VANS AND 5 VEHICLES/PIECES OF
EQUIPMENT OBSERVED.

25X1D

-MILITARY ACTIVITY-

PINAR DEL RIO, MILITARY CAMP 2223N 08342W

APPROXIMATELY 55 VEHICLES OBSERVED.

25X1D

LA BOCA, MILITARY CAMP 2301N 08242W

TWENTY-FIVE VEHICLES OBSERVED IN HEADQUARTERS AREA.
NO APPARENT CHANGE IN REVETTED AREA.

25X1D

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REMEDIOS AREA, MILITARY CAMP 2227N 07934W

THE FOLLOWING ITEMS WERE OBSERVED -- 14 LARGE, 27 MEDIUM, AND 21 SMALL TENTS, 41 TANKS/SP GUNS, 15 UNIDENTIFIED TRACKED VEHICLES, 2 PROBABLE FROG LAUNCHERS, 5 PROBABLE FROG MISSILE TRANSPORTERS, 9 SNAPPERS, 15 FA PIECES, 6 AAA PIECES, 10 TRACKED PRIME MOVERS, 226 CARGO TRUCKS, 9 CARGO TRAILERS, 21 UTILITY TRUCKS, 2 VAN TRUCKS, 5 TRUCK-MOUNTED TREADWAY BRIDGES, 8 POL TRUCKS, 4 POL TRAILERS, AND 15 UNIDENTIFIED VEHICLES.
THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1D

25X1A

SAN GERMAN AREA, MILITARY CAMP 2029N 07559W

SEE ALTO CEDRO, ARTILLERY TRAINING AREA.

25X1D

ALTO CEDRO, ARTILLERY TRAINING AREA 2029N 07600W

SIXTY-FIVE VEHICLES PARKED IN AREA.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP 2255N 08210W

NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

MADRUGA, POL STORAGE 2256N 08149W

TWENTY-THREE TANK TRUCKS (8 WITH CABS ATTACHED)
AND APPROXIMATELY 25 VEHICLES OBSERVED.

25X1D

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25X1D

25X

[REDACTED]

[REDACTED]

25X1D

MANAGUA, MILITARY CAMP 2258N 08217W

SITE CONTAINS 29 LOWBOY TRAILERS (26 WITH
PRIME-MOVERS) AND APPROXIMATELY 300 VEHICLES.

[REDACTED]

25X1D

EL CRISTO, MILITARY INSTALLATION 2007N 07546W

APPROXIMATELY 50 VEHICLES, 10 FA PIECES, AND SEVERAL
TENTS OBSERVED.

[REDACTED]

25X1D

SANTA FE AREA, MILITARY ACTIVITY 2143N 08249W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

[REDACTED]

25X1D

25X

LOMAS DE CRISTO, MILITARY AREA 2006N 07546W

SEE EL CRISTO, MILITARY INSTALLATION.

[REDACTED]

25X1D

CAYO LARGO 2138N 08129W

ONE LIAISON-TYPE AIRCRAFT OBSERVED IN CLOUD-FREE
AREAS.

NO APPARENT CHANGE IN FACILITIES.

[REDACTED]

25X1D

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25X1A

NAZARENO, MILITARY AREA 2258N 08214W

THIRTEEN PROBABLE TANKS/SP GUNS AND 5 VEHICLES
OBSERVED.

[REDACTED] 25X1D

CAMPO FLORIDA, MILITARY CAMP 2307N 08206W

SIXTEEN TANKS/SP GUNS AND 19 VEHICLES OBSERVED.

[REDACTED] 25X1D

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

TWENTY-ONE FA PIECES (15 TOWED BY VEHICLES) AND
19 ADDITIONAL VEHICLES OBSERVED.

[REDACTED] 25X1D

GUANABACOA, MILITARY AREA 2307N 08215W

EAST AREA -- APPROXIMATELY 36 FA PIECES WITH
PRIME MOVERS AND APPROXIMATELY 30 VEHICLES.
WEST AREA -- 12 FA PIECES AND APPROXIMATELY
40 VEHICLES.

[REDACTED] 25X1D

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

EIGHT LOWBOY TRAILERS AND APPROXIMATELY 120
VEHICLES OBSERVED.

[REDACTED] 25X1D

HAVANA AREA, MILITARY CAMP 2301N 08218W

AREA 1 -- 13 CANVAS-COVERED TANKS/SP GUNS.
AREA 2 -- 7 VEHICLES.
AREA 3 -- APPROXIMATELY 30 TANKS/SP GUNS
AND 10 VEHICLES/PIECES OF EQUIPMENT.

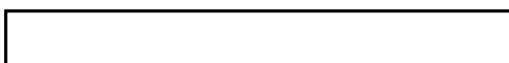
[REDACTED] 25X1D

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GUANABANA AREA, MILITARY CAMP 2258N 08134W

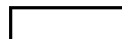
THREE NM WEST OF GUANABANA AND 3.5 NM SOUTH OF
MATANZAS.
CAMP CONTAINS 9 PROBABLE TANKS/SP GUNS PARKED ON
HARDSTAND, AND ONE TANK/SP GUN FIRING BUTT. JUST
WEST OF SITE ARE 22 AGRICULTURAL-TYPE STORAGE
BUILDINGS.



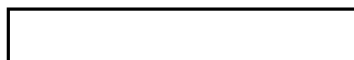
25X1D

-MISCELLANEOUS ACTIVITY-

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W



SOUTHERN AREA -- NO APPARENT CHANGE IN FACILITIES.
CENTER AREA -- NO APPARENT CHANGE IN FACILITIES. ONE
HUNDRED VEHICLES AND 50 VEHICLES/PIECES OF EQUIPMENT
OBSERVED.
NORTHERN AREA -- 9 BUNKERS (8 COMPLETED) OBSERVED.

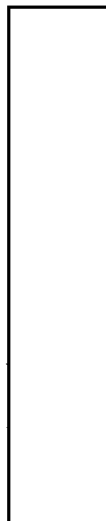


25X1D

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO CHANGE SINCE
LAST COVERAGE --

GUANAJAY IRBM SITE 1	2257N 08239W
GUANAJAY IRBM SITE 2	2257N 08236W
TAPASTE AREA, STORAGE SITES	2303N 08207W
CHAPARRA SAM SITE	2107N 07626W
SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N 08221W
DELEITE ALTERNATE SAM SITE	2301N 08044W
CERCA DE PIEDRA, SUSPECT SAM SUPPORT AREA	2004N 07551W
CAMAGUEY AREA, MILITARY CAMP 1	2121N 07750W
MINAS, AMMUNITION STORAGE AREA	2307N 08212W
HAVANA, AMMUNITION STORAGE AREA	2301N 08226W
LIMONAR AREA, MILITARY CAMP	2256N 08124W
CAMAGUEY AREA, MILITARY CAMP	2126N 07753W
CASCAJAL, MILITARY AREA	2240N 08031W
GUANABO AREA, MILITARY AREA	2311N 08203W
MESTANZA, EXPLOSIVE STORAGE SITE	2228N 08347W
SPECIAL AREA ALPHA	2258N 08227W



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25X1A

SPECIAL AREA HOTEL
 SPECIAL AREA BRAVO BLUE
 SPECIAL AREA BRAVO RED
 SPECIAL AREA VICTOR
 SPECIAL AREA TANGO
 SIBONEY LANDING BEACH
 TARARA LANDING BEACH
 MATANZAS LANDING BEACH
 MAR VERDE LANDING BEACH
 PLAYA COLOMBO LANDING BEACH
 PLAYA DE FLAMENCOS LANDING BEACH
 MANAGUA, MUNITIONS STORAGE SITE
 BEJUCAL, MUNITIONS STORAGE SITES

2301N 08246W
 2250N 08233W
 2254N 08231W
 2300N 08234W
 2258N 08244W
 1957N 07542W
 2310N 08212W
 2301N 08126W
 1957N 07557W
 2154N 08246W
 2153N 08243W
 2258N 08218W
 2256N 08223W

25X1D

25X1

2301N 08245W

25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

SAGUA LA GRANDE MRBM SITE 2
 REMEDIOS IRBM SITE
 CIEGO DE AVILA, SAM ASSEMBLY AREA
 MALDONADO SAM SITE
 CAMAGUEY INTERNATIONAL AIRFIELD
 PRESTON AIRFIELD
 CORONEL PASCUAL AIRFIELD
 TRINIDAD AIRFIELD
 MANZANILLO PORT
 CASILDA PORT
 LA FLORA AREA, MILITARY STORAGE
 ARTEMISA, MILITARY CAMP
 CABANAS AREA, MILITARY CAMP
 HOLGUIN AREA, MILITARY CAMP
 EL JUCARO, MILITARY AREA
 SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP
 TORRENS, MILITARY COMPLEX
 SANTA CLARA AREA, MILITARY ACTIVITY
 VICTORIA DE LAS TUNAS, MILITARY CAMP
 VARADERO LANDING BEACH
 NICARO LANDING BEACH

2239N 07951W
 2225N 07935W
 2152N 07844W
 2012N 07528W
 2125N 07751W
 2044N 07539W
 2307N 08117W
 2147N 07959W
 2021N 07707W
 2145N 07959W
 2252N 08233W
 2251N 08248W
 2256N 08252W
 2053N 07614W
 2051N 07543W
 2258N 08220W
 2259N 08228W
 2221N 07957W
 2054N 07655W
 2308N 08118W
 2042N 07533W

25X1A

~~SECRET~~

~~SECRET~~

NPIC/R-1171/63

2

SANTA CLARA AREA, MILITARY INSTALLATION

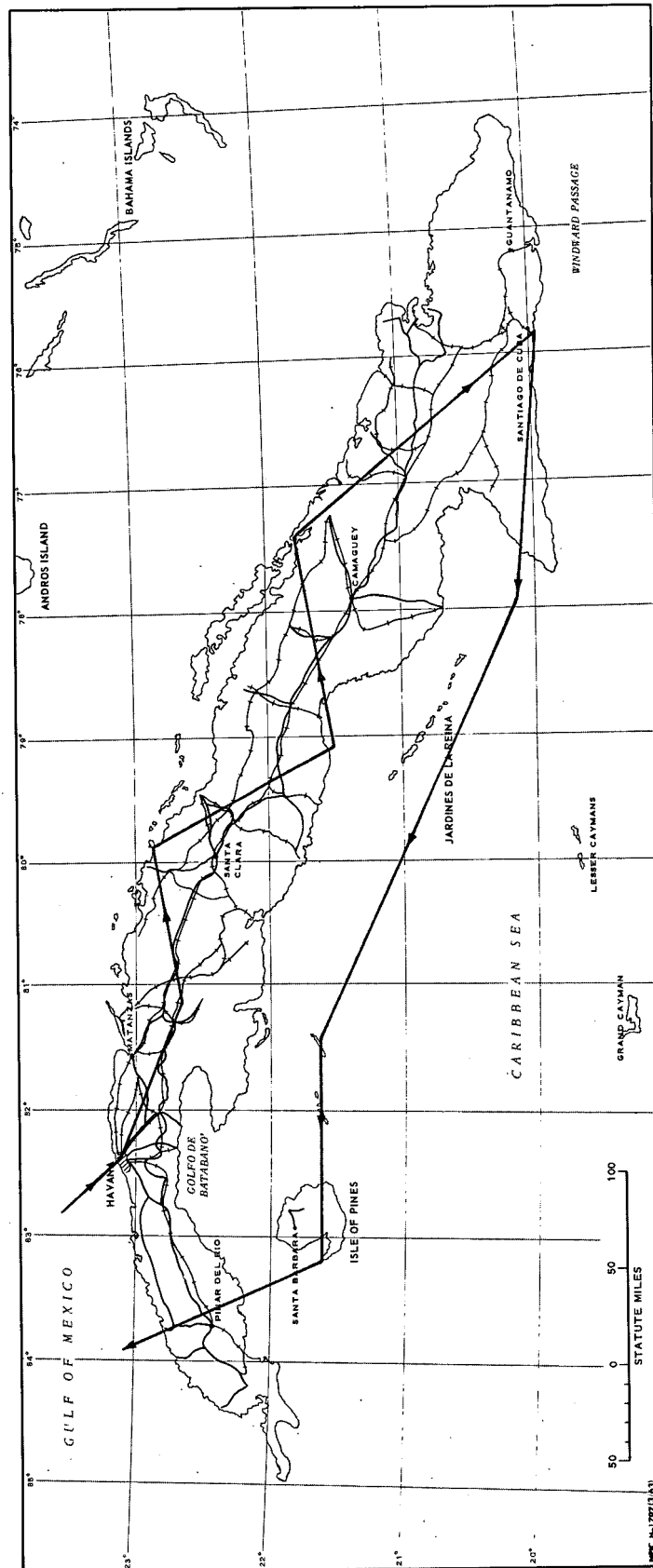
2224N 07953W

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APPROXIMATE TRACK OF BRASS KNOB MISSION 3498, 18 MARCH 1963

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